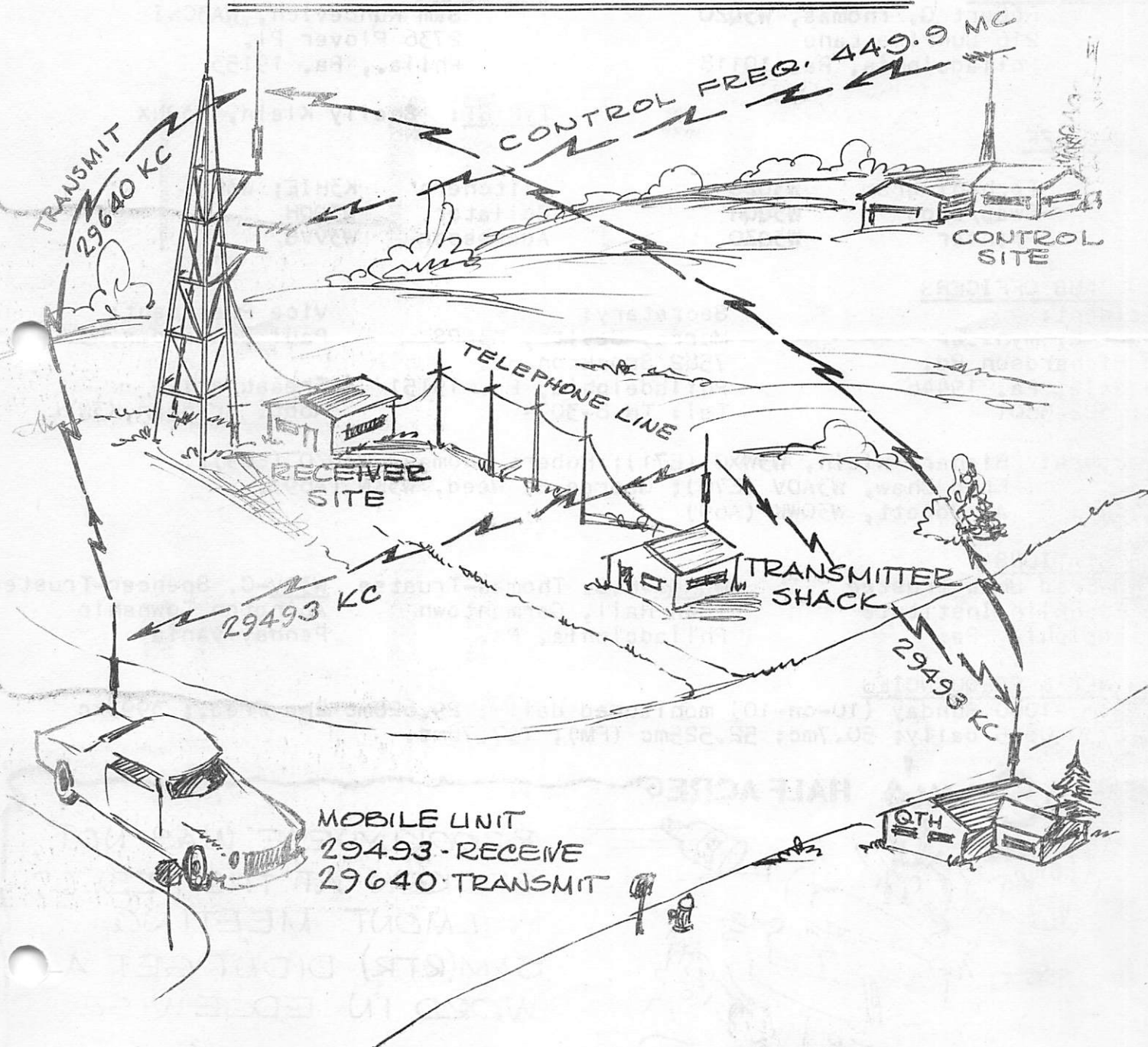


# The BLURB

March 1964

• W3QV • W3TKQ • W3RQZ •

## PHILMONT'S REMOTE REPEATER



The BLURB is published monthly by and for the members of the Phil-Mont Mobile Radio Club, Inc. Our purpose is to further the interest of amateur radio in general and mobile radio in particular. We endeavor to keep the news accurate, interesting and educational. Copying and quoting is permitted, with a credit line and we gladly exchange subscriptions with other clubs.

**DEADLINE:** All material must be in the hands of the Editor before the 15th of the month preceding issue. The BLURB is mailed on the last Monday of each month.

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CLUB STATIONS

W3TKQ-Fred Shaw-Trustee  
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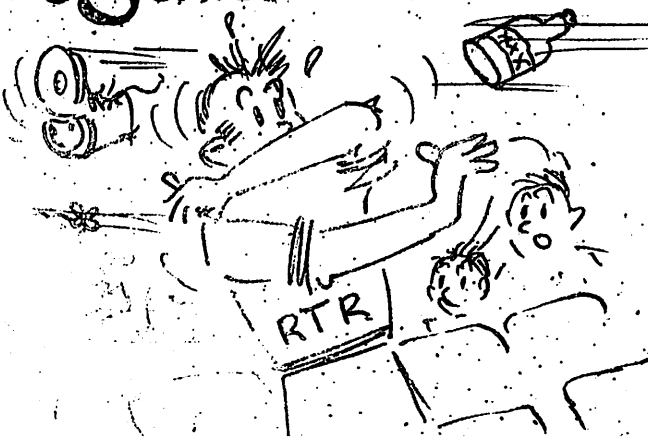
W3RQZ-R.G. Thomas-Trustee  
Town Hall, Germantown  
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W3QV-C. Spencer-Trustee  
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Pennsylvania

CLUB NET & FREQUENCIES

29.495mc-1000 Sunday (10-on-10) monitored daily; 29.626mc 2nd Freq.; 3993kc  
SSB-0730-0845 daily; 50.7mc; 52.525mc (FM); 147.78mc.

# Sam's HALF ACRE



BROOKLYNESE WAS NOT  
SPOKEN AT THE FEB 22  
PHILMONT MEETING.  
SAM(RTR) DIDNT GET A  
WORD IN EDGEWISE

OH WELL YA CANT  
LOSE EM ALL!

## THE PREZ SEZ

We have spent many hours discussing the supposed lack of interest in our Club by it's members. The spirited discussions at the meetings we have had this year, coupled with articles in last month's BLURB, show that there is life in the old boys after all.

There have been some suggestions for increasing activities on the air. Come to the meetings and express your opinions on some of these ideas. Do we want a Ten-on-Ten Roundup? Can we conduct an effective meeting by radio, using the second most rapid means of communication we have (of course, the most rapid is TAW). How about a No Field Day Field Day as suggested some time ago? These can all be freely discussed, don't be shy like me. Let your thoughts be known, you may have the best ideas of all.

By the time this reaches you, the Repeater may be in full operation. If so, there will be another chance for some of us to renew old friendships; and to make new ones. Lets take full advantage of this, but remember there are others wanting to use the air.

73

Bob, K3UWO

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## PHIL-MONT CALENDAR

Monday	March 3	Regular Meeting, Franklin Institute Program: QRP Transmitters
Saturday	March 15	Deadline for April BLURB
Wednesday	March 19	Midmonth Meeting at W3YHV

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## THE W3QQH REPEATER

This month's cover depicts the system used by W3QQH for his repeater, which is now in pretty consistent operation. There are still a few minor bugs to be worked out but the feasibility has been proven and it is expected to greatly increase the value of 10 meters in the Philadelphia area. Jim also has some ideas for extending the operation to FM, which would permit use of inexpensive commercial gear that could be mounted unobtrusively in the trunk of a car. If you are not on ten meters now this may be an opportunity to join the mainstream of Phil-Mont activity with virtually no effort and at little cost.

## THE EDITOR'S VIEW

PAST: Just to avoid any impressions that we are a well organized amateur journal, the BLURB was mailed late last month. It wasn't exactly intentional though. The text was written, typed, printed and delivered to the bindery per our usual schedule, but the front cover and page of pictures got snagged, and it was decided to hold up the whole works until the issue was complete. There isn't much room for complaint since we got the pictures processed for free at a time when the source was extremely busy with official matters. All the pictures were taken by available light using Tri-X at ASA 1200. Unfortunately ED's camera seems to have a slight light leak and some of the pix we would have liked to print were not even good enough for this rag.

PRESENT: Nothing has been received to supplement the letters published here last month. This is not surprising in spite of the oft-expressed desire to make the BLURB a two-way window for affairs of the club. February being a short month with little PMRC activity leaves us with a short issue this time.

FUTURE: Something is going to have to be done very soon about our printing facilities. As requested at the last mid month meeting, ED has prepared a summary of the situation. It is elsewhere in this issue. If you have an opinion about how your club should be spending your money now is the time to make it known.

\* \* \* \* \*

DUES \*\* DUES \*\* DUES \*\* DUES \*\* DUES \*\* DUES \*\*

According to our By-laws (Article 4, Section 3,) membership lapses automatically and without notice if dues are not paid by the last day of January. Since Phil-Mont has never let a technicality stand in the way of money this rule is often bent to a rather drastic degree. In fact, last year somebody got away with it until June! Let's let that stand as the record and clean up the accounts before the end of January. Today is January 27, so there are only six days left - or is it 29?

\* \* \* \* \*

## BLURB PRINTING FACILITIES

As every automobile owner knows, there comes a moment when it is necessary to balance the cost of repairs on the old car against the cost of a new (or new, used) one. While the repairs are less than the expenditure for a new model, there is always the nagging possibility that other mechanical parts have deteriorated in proportion to those being replaced, and that a major overhaul will not be the end of major maintenance costs. Then there is the factor of reliability to consider: Will the old heap conk out just when you need it? Also, what of the new features on modern models that increase versatility, durability and general satisfaction?

While the above considerations were related to an automobile, they apply equally to the Club's printing press, for this device has reached the stage where virtually every one of its expensive rollers must be replaced to restore it to a minimal operating standard. Even then we will be left with a device intended only for office duplicating chores, and not printing in the usual sense. The duplicator we now have has raised the standard of BLURB production by introducing the offset printing process. Offset has potential for remarkable quality compared to methods used by most other amateur clubs, but we are realizing almost none of that potential. Examples of what can be done may be seen on previous issues of the BLURB where photographs were reproduced. These were not printed on our equipment, however.

Our machine was to have been overhauled almost three years ago before the present printer took over, but it was not, and performance has now declined because of normal deterioration of press components to the point where it no longer can do justice to the front cover illustrations of CNI, not to mention its inability to uniformly reproduce a page of conventional text. A problem not apparent to the reader of the BLURB is caused by the variability of adjustments during a run, due to limitations in the basic design of the machine. While a page is being run it is necessary to constantly tweak water and ink controls to correct for constantly-changing reproduction. Particularly frustrating and wasteful is its characteristic of jamming due to feeding several sheets at once and not properly responding to an adjustment that ought to counteract an undesired effect. The printer feels that even if parts needed to improve reproduction are renewed, the design inadequacies will prevent the press from ever performing in a consistent, reliable manner.

So much for present conditions. Estimates for replacement of aged and worn rollers were obtained from the manufacturer, and it looks like it will cost about \$93 at the most to go this route. Perhaps not every roller would need replacement, so a more realistic figure would be \$65 - \$70. However, as mentioned above, the many of the perverse operating traits would remain and just so much frustration can be tolerated and still be called "ham radio fun".

Another possibility for the club to consider is the purchase of a new (used) offset press of the type that has become standard in most small printing establishments and the in-house printing plants of many business firms. This would be an expensive proposition which would require funds in excess of those provided in our 1969 Budget. A new press would cost at least \$500 and we could not expect to get more than \$150 from the one we now own. The new press would give very uniform reproduction of text material and would enable us to publish photographs and complete reprints of printed matter.

But is there sufficient interest on the part of the members of Phil-Mont to consider an expenditure of this magnitude even if we could afford it? Ponder the attendance at our last election. Consider the apathy toward recent club events. And recall the remarks on these pages in the January issue, where it was noted that interest in producing a paper like the BLURB can only be sustained by a show of at least some interest on the part of the greater proportion of the membership. It would be tragic to buy a fancy printing press only to discover that Phil-Mont is not longer doing anything worth reporting, or that there are only two dozen members to report to.

There are no easy answers here. One solution that may seem obvious would be to fix up what we have by installing the minimum amount of new rollers to get a uniform reproduction, but the operational problems will persist and there will be no reduction in the exasperation experienced in operating the press. On the other hand it does not seem reasonable to suggest the purchase of a new machine unless there is a reversal in the current downward trend of interest in our organization.

\* \* \* \* \*

#### DIRECTOR ELECTION RESULTS

As announced in the January issue, which was lucky because of last month's tardiness, a special election for a Director was held at the last regular meeting. One of the candidates, W3QQH, declined to run because he felt he would keep his oar in anyway and he might improve the chances of the other candidates. W3YHV was the victor in the balloting and Bill will therefore be a Director for the next three years. Bad about those retirement plans, OM.

## PROGRAM FOR MARCH AND APRIL

Mr. Wilson, W3TP, who was announced as being our guest speaker at the March 3, 1969 meeting, has cancelled due to current changes that are required in the new Johnson S.S.B. equipment. He will be with us at a later meeting. However, I have been fortunate in getting some local talent (Phil-Mont members) to present the latest dope on "QRP" transistor transmitters. Paul Peterson W3RV and Jack Delmar W3PXW, will tell us about their experiences in both building and using these small rigs. Collaborating with them is Eric Carlson, W3MOO who will hold forth on the more technical aspects of the transistor transmitters. I am sure we will enjoy an interesting evening - plan in advance to be there.

For the April 7, 1969 meeting we will have the Free-Bee Auction held under the guidance of that outstanding auctioneer Paul Bohlander, W3VVS. Phil-Mont needs that little extra money this year, so start now and get your goodies together for this meeting!

On this same evening we will have a contest - a kind of guessing contest, with the same objects in view - to have some fun and raise some money. Participants will buy tickets to enter the contest and guess the size of a capacitor, together with a coil which everyone will see, which will resonate at 3900 K.C. Cash prizes only will be given - so be sure and come out and enjoy a good evening with the gang.

Fred W3ADV

\* \* \* \* \*

## GOVERNMENT PUBLICATION: ELECTRONICS TECHNICIAN 3 & 2

The above 540 page book is a Navy training course covering use of special test equipment, radio rcvrs and xmtrs, multicouplers, tty and fax terminal equipment, navigation equipment and radar. Ed has not seen it, but if it is typical of the tech manuals Uncle publishes it should be more than worth its \$3.75 cost. Send to US GPO Washington, D.C. 20402.

\* \* \* \* \*

FROM ARRL, RE: GHANA PROJECT

January 30, 1969

Mr. Clinton R. Spender, Jr. W4QDQ  
124 Central Avenue  
North Hills, Pennsylvania 15122

Dear Clint: (sic)

Just wanted to let you know that I finally got all of your equipment boxed and ready for shipment. In fact, five cartons have already gone out to Indonesia, as I have an APO address there that I can use.

Shipments to Ghana, however, will have to await the settling of the east-coast dock strike, which has us thoroughly fouled up.

I want to express my thanks, and thanks of those who will eventually receive this material, for the generosity of the Phil-Mont Mobile Radio Club in donating this gear, and for the work done by your committee in getting it up here.

In a few months, after we have had a chance to get more of the material overseas, perhaps I will be able to give you some additional reaction from the recipients themselves.

73.

Sincerely yours,

Richard L. Baldwin, W1IKE  
Assistant General Manager

\* \* \* \* \*

#### FEBRUARY MEETING REPORT

Twenty-three members braved the clear, mild evening for an opportunity to meet our artist, WA3CNI and see him accept his Leroy Hauser Memorial Award. W3YHV was elected Director. K3NYL informed us that there was \$278.58 in the till - just enough for air fare and incidentals to celebrate his anniversary in the Bahamas. K3HIE staggered through MM minutes of K3SPS. The second part of the Telco film on weather was shown with planned unbelievable scenes of tornadoes. K3KED did himself proud - ate more with eats.



## CHANGE OF ADDRESS FOR K3EZJ

In case you want to keep your membership directory current, make the following change: (Membership and BLURB committees please take note.)

George S.D. Walker, K3EZJ  
Box 162-1  
RFD 1  
Perryville, Md. 21903

\* \* \* \* \*

## THE "SO YOU THINK YOU'VE GOT IT SO BAD" DEPARTMENT

Every month the amateur radio column of Popular Electronics carries loads of interesting items for hams. It is edited by W9EGO. In the February 1969 issue there was a description of Russian amateur license policy that should be read by everyone, especially critics of the so-called incentive licensing plans. It is printed here, in part, as it appeared in Popular Electronics.

"Before getting a license, each prospective Russian amateur must pass an 'SWL' examination consisting of a 10-WPM code test and technical exam. Then he or she must spend six months as an active short-wave listener. At this point he is eligible for the 3rd class amateur exam, consisting of a 12-WPM code test and another technical exam. Third-class amateurs operate on 80 and 40 meters CW with 10 watts power.

"Next step up is the 2nd class license which authorizes use of CW on all Russian amateur frequencies except 15 meters and phone on 10 and 20 meters with 40 watts of power. At the top of the Russian amateur structure, the 1st class license requires passing an 18-WPM code test and a stiff written exam. It authorizes all Russian amateur privileges, including transmitter power of 200 watts (sometimes more)."

\* \* \* \* \*

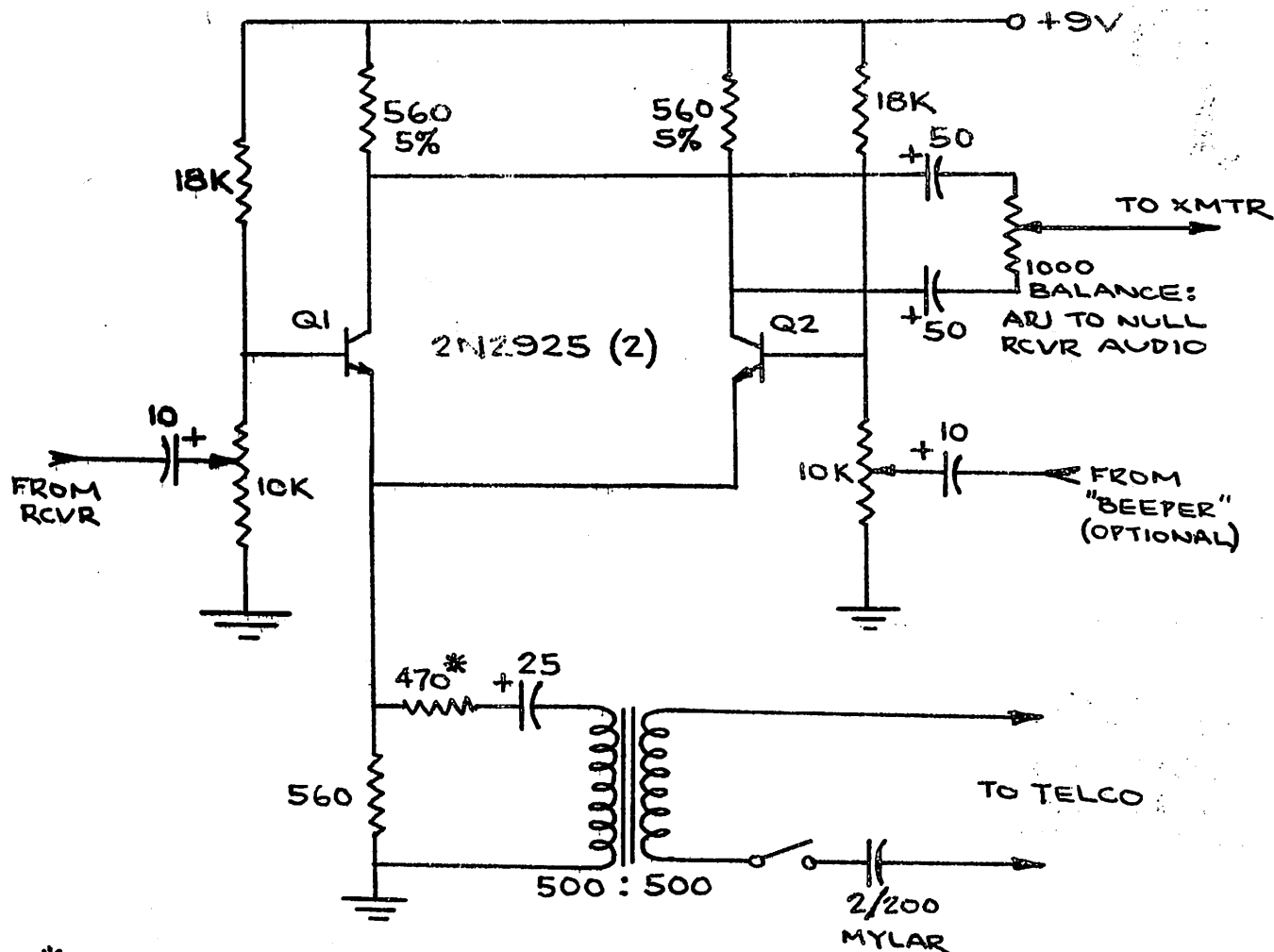
## POST CARDS FOR NEWS COLLECTION

In an effort to get news about a larger cross-section of our membership than ED ordinarily has contact with, post cards and a short letter of explanation will be sent to a different segment of the membership each month on a trial basis. The cards are addressed to me so all that is necessary is for the individual to jot down anything he thinks would be of interest to the rest of the gang. When this was tried long ago by W3PXY, George unwittingly became the founder of the Post Card Saving Society of America, but maybe by sending cards out with individual letters we will have better luck.

## SCOOP

When W3DSG is in the shack monitoring, he monitors everything.. W3PWG has his HW-100 operating with promising results. Has had plenty of good contacts and good reports...Start saving small parts for Free-Bee auction in April...Recent 10-on-10 checkin was VE6MO...W3AES is no longer SEC...The BLURB would print a limited amount of MARS news if we got any of it...WA3DMR is now heard with good sig on 52.525 FM... WA3CNI - cover artist - promises to get on air with General ticket or else...W3PWG drove to S. Carolina with XYL in January to see son James and his regimental review. Stopped at a motel where another Philly mobileer was staying. Glad I wasn't trying to watch TV at that place!...Who will be first on air with a HW-12 kit, DMR or KNH? Ed has a feeling these two are in a contest to see who will get his rig on LAST....Next month we will publish the annual April issue of the BLURB...W3LEM likes his new QTH high on a hill and has a signal to prove it...K2EGF is recovering from surgery, hopes to check into net soon...Try to plan now for one day of operating at Willow Grove NAS during model plane Nationals this summer...W3YHV has just gotten a new Torino. (That's Italian for bowl of soup). Bill has been on several vacation trips lately... A new service provided by ARRL is telling hams what is good taste and bad taste in QSO subjects...K3RTR had a tussle with a pair of alligator clips on the end of a lamp cord attached to a 12 volt storage battery...W3YHV is bugging AES for delivery of antenna mount so he can go mobile with new new camper mobile...The teenage ARTICS radio club meets at Upper Darby CD. The fellows have just bought themselves a used 16 mm sound projector for educational films and could use a little assistance to get their treasury in the black. See their sponsors K3RTR or W3PWG...We would like to continue a column for the ladies similar to what we ran one month before it flopped. Difficulty was getting another XYL to write it only once. Anybody interested in writing one for April???...W3OWK wound up at K3KNH after mistakenly leaving for midmonth meeting a week early...W3ADV has slated K3WQQ for talk on his experiences with helicopters at July meeting...Don't forget your 1969 dues...One snag with repeater has been reliability of Telco line. Since QQH already is using or has plans for 29, 144, 220 and 450 Mhz bands in connection with controls, etc., maybe the club should sponsor investigation of 1296 for rcvr/xmtr link and save \$7.50 per month (plus tax)...W3ADV and XYL Emma are leaving for Florida February 15. Freddy has his Swan installed and will be looking for contacts before returning March 12... The club has bought its own photographic printing plates and processing solutions so we are now in a position to run more pictures. ED will be taking them from time-to-time, but if you have a good picture of your rig, how about submitting it for publication. 73.

## ANOTHER PHONE PATCH



\*NOT SHOWN IN ORIGINAL CKT,  
BUT SHOULD BE USED.

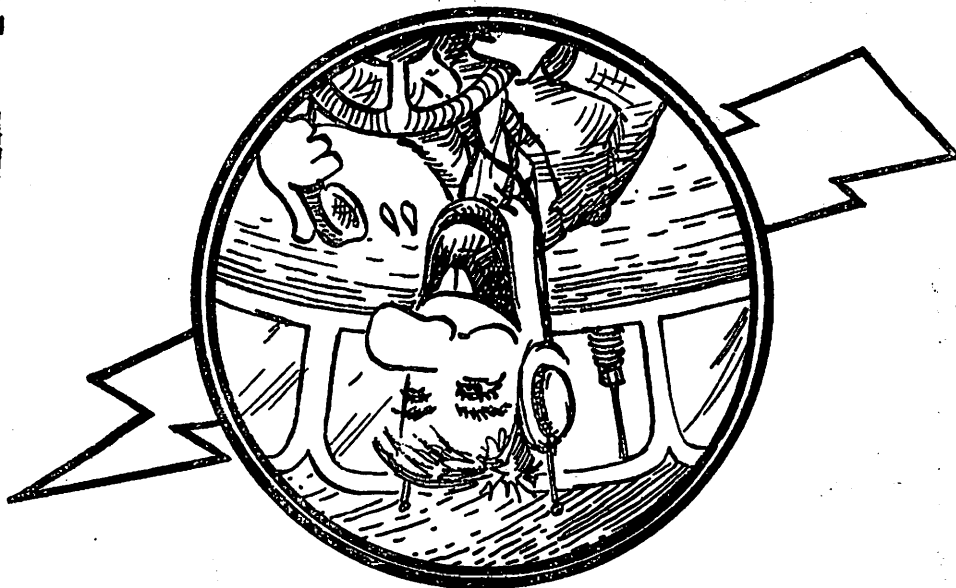
THIS PHONE PATCH APPEARED IN JANUARY 1969 db MAGAZINE WHERE IT WAS PRESENTED AS APPLICABLE FOR USE IN BROADCAST SERVICE. IT SHOULD ALSO WORK FOR HAMS, AND MAY EVEN BE USED IN DUPLEX SERVICE.

THE TRANSISTORS ARE IN A DIFFERENTIAL AMPLIFIER CKT. AUDIO FROM RCVR CANCELS ACROSS 1K BALANCE CONTROL AND DOES NOT DRIVE XMTR, BUT IT DOES APPEAR AT Q1 EMITTER AND THEREFORE DRIVES PHONE LINE. SAME WITH OPTIONAL "BEEPER". PHONE LINE DRIVES Q1 & Q2 IN-PHASE AND THEREFORE APPEARS AT XMTR AUDIO TERMINAL.

## THE BLURB '69

# PHIL-MONT MOBILE RADIO CLUB, INC.

Herold Hogen W3ZN  
1008 Lindale Ave.,  
Drexel Hill, Pa. 19026  
R



## THE "BLURB"

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